

(Use several sheets if necessary)

**APPLICANT Toshihiro SHIMA**


**FILING DATE**  
**March 9, 2000**

GROUP

## U.S. PATENT DOCUMENTS

[illegible]

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES/NO
		10-173836	06/26/98	JP	H04N	1/00	
		2-70465	03/09/90	JP	B41J	2/485	

OTHER DOCUMENTS (including Author, Title, Date, Pertinent Pages, etc.)

			Patent Abstracts of Japan 10173836 June 26, 1998

**EXAMINER**

DATE CONSIDERED

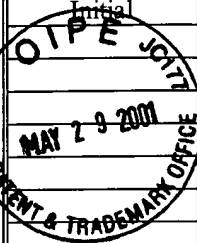
#6

Form PTO-1449 (Rev. 2-32)	U.S. Department of Commerce Patent & Trademark Office	Atty. Docket No.  Q58164	Serial No.: 09/522,407
		Applicant: Toshihiro SHIMA	

**INFORMATION DISCLOSURE STATEMENT**  
(Use several sheets if necessary)

Filing Date: March 09, 2000	Group: 2781
--------------------------------	----------------

**U.S. PATENT DOCUMENTS**

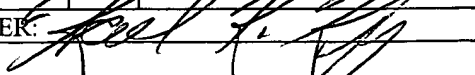
Examiner Initial	Document Number	Date	Name	Class	Sub- Class	Filing Date (if appropriate)
						

RECEIVED  
MAY 30 2001  
Technology Center 2100

**FOREIGN PATENT DOCUMENTS**

Document	Date	Country	Class	Sub- class	Translation Yes/No
9-314929	12/9/97	Japan	B41J	5/30	
10-78857	3/24/98	Japan	G06F	3/12	

**OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)**


EXAMINER: 	DATE CONSIDERED: 10/20/05
EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication.	

Substitute for Form 1449 A &amp; B/PTO

Complete if Known

Application Number	09/522,407
Confirmation Number	[confirmation number]
Filing Date	March 09, 2000
First Named Inventor	Toshihiro SHIMA
Art Unit	2781
Examiner Name	NOT YET ASSIGNED
Attorney Docket Number	Q58164

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

AUG 08 2002 (use as many sheets as necessary)

Sheet 1 of 1

## U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			
		US			

**RECEIVED**  
AUG 09 2002  
Technology Center 2100

## FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
		EP	0 782 067	A2	07/02/1997	Seiko Epson Corporation	
		EP	0 820 032	A2	01/21/1998	Seiko Epson Corporation	

## OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>

Examiner Signature

Date Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov), MPEP 901.04 or in the comment box of this document. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST. 3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to indicate here if English language Translation is attached.